

**Customer Number: 20277** 

## UTILITY PATENT APPLICATION UNDER 37 CFR 1.53(b)

Mail Stop New Utility Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir:



Transmitted herewith for filing is the patent application of:

INVENTOR: Tsuyoshi EBUCHI, Toru IWATA, Takefumi YOSHIKAWA

FOR: RECEIVER CIRCUIT

| $\boxtimes$ | 19 pages of specification, clair                                 | ns, ał     | ostract.                                 |  |  |  |  |  |
|-------------|--|------------|--|--|--|--|--|--|
|             | Declaration and Power of Attorney.                               |            |  |  |  |  |  |  |
| $\boxtimes$ | Priority Claimed.  |            |  |  |  |  |  |  |
| $\boxtimes$ | Certified copy of Japanese Patent Application No. JP 2002-346153 |            |  |  |  |  |  |  |
| $\boxtimes$ | 6 sheets of formal drawing.                                      |            |  |  |  |  |  |  |
| $\boxtimes$ | An assignment of the invention to                                |            | MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. |  |  |  |  |  |
|             | and the assignment recordation                                   | n fee.     |  |  |  |  |  |  |
| $\boxtimes$ | An associate power of attorney                                   | <b>y</b> . |  |  |  |  |  |  |

A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.

Information Disclosure Statement, Form PTO-1449 and reference.

Return Receipt Postcard

Enclosed are:

The filing fee has been calculated as shown below:

|                    | NO. OF<br>CLAIMS |     | EXTRA<br>CLAIMS | RATE    | AMOUNT |
|--------------------|------------------|-----|-----------------|---------|--------|
| Total Claims       | 14               | -20 | 0               | \$18.00 | \$0.00 |
| Independent Claims | 2                | -3  | 0               | \$86.00 | \$0.00 |
|                    | \$0.00           |     |                 |         |        |
|                    | \$770.00         |     |                 |         |        |
|                    | \$770.00         |     |                 |         |        |
|                    | \$0.00           |     |                 |         |        |
|                    | \$40.00          |     |                 |         |        |
|                    | \$810.00         |     |                 |         |        |

✓ Please charge my Deposit Account No. 500417 in the amount of \$810.00. A duplicate copy of this sheet is enclosed.
✓ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.
✓ Any additional filing fees required under 37 CFR 1.16.
✓ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.
✓ Any patent application processing fees under 37 CFR 1.17.
✓ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

Michael E. Fogarty Registration No. 36,139

600 13<sup>th</sup> Street, N.W. Washington, DC 20005-3096 (202) 756-8000 MEF:gav Facsimile: (202) 756-8087

Date: November 20, 2003